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Practitioner's Docket No.: S4-02P11627

CHAPTER II

"Express Mail" mailing label number EV 577604488 US Date of Deposit 21 March 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MICHAEL BURNS

TRANSMITTAL LETTER TO THE UNITED STATES ELECTED OFFICE (EO/US)

(ENTRY INTO U.S. NATIONAL PHASE UNDER CHAPTER II)

INTERNATIONAL APPLICATION NO. PCT/DE2003/002580	INTERNATIONAL FILING DATE 31 July 2003	PRIORITY DATE 19 September 2002	
TITLE OF INVENTION			•
CIRCUIT ARRANGEMENT FOR AVERAGING			
APPLICANT Meier, Bernd et al	· · · · · · · · · · · · · · · · · · ·		

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTENTION: EO/US

- 1. Applicant herewith submits to the United States Elected Office (EO/US) the following items under 35 U.S.C. 371:
 - a. [X] This express request to immediately begin national examination procedures (35 U.S.C. 371(f)).
 - b. [X] The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees (37 C.F.R. § 1.492) as indicated below:

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(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULA- TIONS
TOTAL CLAIMS	8		x \$ 50.00	\$ 0.00
INDEPENDENT CLAIMS	1		x \$ 200.00 =	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00				\$ 0.00
(a) Basic national fee \$300.00			\$ 300.00	
(b) Examination fee \$200.00			\$ 200.00	
(c) Search fee \$500.00			\$ 500.00	
		Total of Ab	ove Calculations	= \$ 1,000.00
Reduction by ½ for filing by small entity, if applicable. Affidavit must be filed. (note 37 CFR 1.9, 1.27, 1.28)			- \$ 0.00	
Subtotal				\$ 1,000.00
Total National Fee			\$ 1,000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f))				\$ 0.00
Fee for recording the enclosed assignment document \$40.00 (37 CFR 1.21(h)). (See Item 13 below). See attached "ASSIGNMENT COVER SHEET".				\$ 0.00
Total Fees enclosed \$1			\$1,000.00	
	TOTAL CLAIMS INDEPENDENT CLAIMS MULTIPLE DEPE (a) Basic national (b) Examination fee (c) Search fee Reduction by ½ for filed: (note 37 CFF) Processing fee of 30 months from the fee for recording fee fee fee fee fee fee fee fee fee fe	TOTAL CLAIMS 8 INDEPENDENT 1 CLAIMS MULTIPLE DEPENDENT CLAIM(S) (i (a) Basic national fee (b) Examination fee (c) Search fee Reduction by ½ for filing by small entit filed: (note 37 CFR 1.9, 1.27, 1.28) Processing fee of \$130.00 for furnishing months from the earliest claimed processing fee for recording the enclosed assignance of the service of	TOTAL CLAIMS 8 INDEPENDENT 1 CLAIMS MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 (a) Basic national fee \$300 (b) Examination fee \$200 (c) Search fee \$500 Total of Ab Reduction by ½ for filing by small entity, if applicable. Affida filed. (note 37 CFR 1.9, 1.27, 1.28) Total of Ab Processing fee of \$130.00 for furnishing the English transla 30 months from the earliest claimed priority date (37 CFR 1.21(h)). (See Item 13 below). See attached "ASSIGNMEN SHEET".	TOTAL CLAIMS 8

See	allached		imary Amendment Reducing the Number of Claims.
	i.	[X]	Payment in the amount of \$1,000.00 to cover the above fees is enclosed.
	ii.	[X]	Please charge Account No. 12-1099 for any fees which might be due
			while this application is pending.
		A dupl	licate copy of this sheet is enclosed.
3.	[X]	A copy	y of the International application as filed (35 U.S.C. 371(c)(2)):
	a.	[X]	is transmitted herewith.
	b.	[]	is not required, as the application was filed with the United States Receiving Office.
	C.	[]	has been transmitted
		i.	[] by the International Bureau.
			Date of mailing of the application (from form PCT/IB/308):
		ii.	[] by applicant on Date
			Date
4.	[X]		slation of the International application into the English language (35 . 371(c)(2)):
	a.	[x]	is transmitted herewith.
	b.	[]	is not required as the application was filed in English.
	C.	[]	was previously transmitted by applicant on
	d.	[x]	will follow.
	u.	[^]	WIII TOHOW.
5.	[x]		dments to the claims of the International application under PCT Article U.S.C. 371(c)(3)):
	a.	[x]	are transmitted herewith.
	b.	[]	have been transmitted
	٥.	i.	[] by the International Bureau.
			Date of mailing of the amendment (from form PCT/IB/308):
		ii.	[] by applicant on
		11.	Date
	C.	[]	have not been transmitted as
		i.	[] applicant chose not to make amendments under PCT Article 19.
			Date of mailing of Search Report (from form PCT/ISA/210):
		ii.	the time limit for the submission of amendments has not yet expired. The amendments or a statement that amendments have not been made will be transmitted before the expiration of the time limit under PCT Rule 46.1.
6.	[x]		slation of the amendments to the claims under PCT Article 19 (38 371(c)(3)):
	a.	[x]	is transmitted herewith.
	b.	[]	is not required as the amendments were made in the English
	_		language.
	C.	[]	has not been transmitted for reasons indicated at point 5(c) above.

7.	[x]	A copy [x] []	of the international examination report (PCT/IPEA/409) is transmitted herewith. is not required as the application was filed with the United States Receiving Office.
8.	[x] a. b.	Annex [x] []	(es) to the international preliminary examination report is/are transmitted herewith. is/are not required as the application was filed with the United States Receiving Office.
9.	[]	A trans	slation of the annexes to the international preliminary examination
	a. b.	[]	is transmitted herewith. is not required as the annexes are in the English language.
10.	[X] a.	An oat U.S.C. []	h or declaration of the inventor (35 U.S.C. 371(c)(4)) complying with 35 115 was previously submitted by applicant on
	b.	[X] i. ii.	is submitted herewith, and such oath or declaration [X] is attached to the application. [] identifies the application and any amendments under PCT Article 19 that were transmitted as stated in points 3(b) or 3(c) and 5(b); and states that they were reviewed by the inventor as required by 37 C.F.R. 1.70. [] will follow.
Othe	r docum	nent(s) or	information included:
11.	[] a. b. c. d. e.		ernational Search Report (PCT/ISA/210) or Declaration under PCT 17(2)(a): is transmitted herewith. has been transmitted by the International Bureau. Date of mailing (from form PCT/IB/308): is not required, as the application was searched by the United States International Searching Authority. will be transmitted promptly upon request. has been submitted by applicant on Date
12.	[x] a. b.	An Info [x] [x] [x] []	is transmitted herewith. Also transmitted herewith is/are: Form PTO-1449 (PTO/SB/08A and 08B). Copies of citations listed. will be transmitted within THREE MONTHS of the date of submission of requirements under 35 U.S.C. 371(c). was previously submitted by applicant on
	# f		Date

13.	[] An assignment document is transmitted herewith for recording.		
	A sep	parate [] "COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING NEW PATENT APPLICATION" or[] FORM PTO 1595 is also attached.	
14.	[X] a. b. c. d.	Additional documents: [] Copy of request (PCT/RO/101) [X] International Publication No. WO 2004/030211 A2 i. [X] Specification, claims and drawing ii. [] Front page only [X] Preliminary amendment (37 C.F.R. § 1.121) [x] Certified translation of the international patent application PCT/DE2003/002580 published under WO 2004/030211 A2 as well as certified translation of the amended claims to PCT/DE2003/002580, as referenced in the Preliminary International Examination Report dated January 1, 2005.	
15.	[X] a. b.	The above checked items are being transmitted [X] before 30 months from any claimed priority date. [] after 30 months. SIGNATURE OF PRACTITIONER LAURENCE A. GREENBERG REG. NO. 29,308	

Lerner and Greenberg, P.A. P.O. Box 2480 Hollywood, Florida 33020-2480 Tel.: (954) 925-1100

Fax: (954) 925-1101